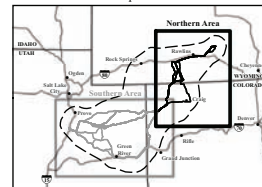


## Soil Resources

## ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA  
Map Index

## Resource Inventory

PRIME FARMLAND<sup>1</sup>

Prime Farmland

SOIL EROSION SUSCEPTIBILITY<sup>1</sup>

|  |  |  |   |
|--|--|--|---|
|  | Low Water/NA Wind Erosion Susceptibility       |  | Low Water/High Wind Erosion Susceptibility          |
|  | Moderate Water/NA Wind Erosion Susceptibility  |  | Moderate Water/Low Wind Erosion Susceptibility      |
|  | High Water/NA Wind Erosion Susceptibility      |  | Moderate Water/Moderate Wind Erosion Susceptibility |
|  | NA Water/Low Wind Erosion Susceptibility       |  | Moderate Water/High Wind Erosion Susceptibility     |
|  | NA Water/Moderate Wind Erosion Susceptibility  |  | High Water/Low Wind Erosion Susceptibility          |
|  | NA Water/High Wind Erosion Susceptibility      |  | High Water/Moderate Wind Erosion Susceptibility     |
|  | Low Water/Low Wind Erosion Susceptibility      |  | High Water/High Wind Erosion Susceptibility         |
|  | Low Water/Moderate Wind Erosion Susceptibility |  | NA Water/NA Wind Erosion Susceptibility             |

## Inventory Key



## Impact Key



## Impact Levels

|  |          |  |                 |
|--|----------|--|-----------------|
|  | High     |  | Low             |
|  | Moderate |  | No Identifiable |

## Project Features

|  |   |  |   |
|--|---|--|---|
|  | Project Area Boundary                   |  | Alternative Route                                     |
|  | Substation (Project Terminal)           |  | 345kV Proposed Rebuild (Segments 4a and 4b - Inset A) |
|  | Series Compensation Station Siting Area |  | 345kV Proposed Reroute (Segment 4c - Inset A)         |

## General Reference

|  |                         |  |                         |
|--|-------------------------|--|-------------------------|
|  | City or Town            |  | Interstate Highway      |
|  | Substation              |  | U.S. Highway            |
|  | Power Plant             |  | State Highway           |
|  | 500kV Transmission Line |  | Lake or Reservoir       |
|  | 345kV Transmission Line |  | River or Stream         |
|  | 230kV Transmission Line |  | State Boundary          |
|  | 138kV Transmission Line |  | County Boundary         |
|  | Railroad                |  | Jurisdictional Boundary |
|  | Pipeline                |  |                         |

## Sources:

NRCS Prime Farmland as compiled by EPA, NRCS 2011.  
 NRCS Soil Erosion Susceptibility as compiled by EPA, NRCS 2011.  
 STATSOIL Soil Erosion Susceptibility, NRCS 2006.  
 Public Land Survey System, BLM 2011; Contours generated by EPA, USGS NED 1 arc-second data 1999;  
 Series Compensation Station Siting Areas, Rocky Mountain Power 2013;  
 City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPA, POWERmap Platts 2009;  
 Clover Substation Boundary as digitized by EPA, Rocky Mountain Power 2013;  
 Mono Substation Boundary as digitized by EPA, BLM 2013; National Transportation Atlas Database, USDOT 2008;  
 Water Features, ESRI 2008; USGS 2010a; State and County Boundaries, ESRI 2008;  
 Land Jurisdiction, BLM 2009, 2010; USFS 2006.

## Notes:

Prime farmland and soil erosion susceptibility classifications are only shown within the 2-mile-wide earth resources study corridor.  
<sup>1</sup>NA = Data not available.  
<sup>2</sup>The alternative routes and series compensation station siting areas shown on this map are draft and may be revised and/or refined throughout the development of the project.  
<sup>3</sup>Substation symbols do not necessarily represent precise locations.  
<sup>4</sup>Contour interval: 150 meters.

DRAFT EIS  
February 2014

Scale in Miles  
  
 1:380,160 or 1 inch = 6 miles





# Soil Resources

## ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA  
Map Index



### Resource Inventory

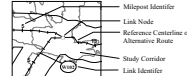
#### PRIME FARMLAND<sup>1</sup>

Prime Farmland

#### SOIL EROSION SUSCEPTIBILITY<sup>1</sup>

- |  |   |
|--|---|
| Low Water/NA <sup>2</sup> Wind Erosion Susceptibility      | Low Water/High Wind Erosion Susceptibility                        |
| Moderate Water/NA <sup>2</sup> Wind Erosion Susceptibility | Moderate Water/Low Wind Erosion Susceptibility                    |
| High Water/NA <sup>2</sup> Wind Erosion Susceptibility     | Moderate Water/Moderate Wind Erosion Susceptibility               |
| NA <sup>2</sup> Water/Low Wind Erosion Susceptibility      | Moderate Water/High Wind Erosion Susceptibility                   |
| NA <sup>2</sup> Water/Moderate Wind Erosion Susceptibility | High Water/Low Wind Erosion Susceptibility                        |
| NA <sup>2</sup> Water/High Wind Erosion Susceptibility     | High Water/Moderate Wind Erosion Susceptibility                   |
| Low Water/Low Wind Erosion Susceptibility                  | High Water/High Wind Erosion Susceptibility                       |
| Low Water/Moderate Wind Erosion Susceptibility             | NA <sup>2</sup> Water/NA <sup>2</sup> Wind Erosion Susceptibility |

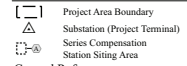
### Inventory Key



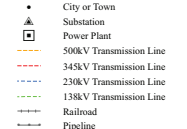
#### Impact Levels

High  
Moderate  
Low  
No Identifiable

#### Project Features



#### General Reference



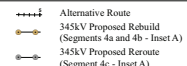
### Impact Key



#### Impact Levels

Low  
No Identifiable

#### Project Features



#### General Reference

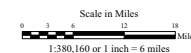


### Sources:

SSURGO Prime Farmland as compiled by EPA, NRCS 2011;  
SSURGO Soil Erosion Susceptibility as compiled by EPA, NRCS 2011;  
STATSGO Soil Erosion Susceptibility, NRCS 2006;  
Public Land Survey System, BLM 2011; Contours generated by EPA, USGS NED 1 arc-second data 1999;  
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;  
City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPA, POWERmap Platts 2009;  
Chlorine Substation Boundary as digitized by EPA, Rocky Mountain Power 2013;  
Mesa Substation Boundary as digitized by EPA, Bing 2013; National Transportation Atlas Database, UNDOT 2008;  
Utah Highways and Roads, AGRC 2012; Pipelines, PowerWell MAPsearch 2011;  
Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;  
Land Jurisdiction, BLM 2009, 2010; USFS 2006

### Notes:

Prime farmland and soil erosion susceptibility classifications are only shown within the 2-mile-wide earth resources study corridor.  
NA<sup>2</sup>: Data not available.  
\*The alternative routes and series compensation station siting areas shown on this map are draft and may be revised and/or refined throughout the development of the Project.  
\*Substation symbols do not necessarily represent precise locations.  
\*Contour interval: 100 meters



DRAFT EIS  
February 2014

